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Addendum

Addendum to "A note on complete convergence for arrays", Statist. Probab. Lett. 38 (1) (1998) 27–31☆

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Abstract

Under some conditions on an array of rowwise-independent random variables, Hu, Szynal and Volodin obtained a complete convergence result for law of large numbers. In this addendum we mention that the convergent rate of sequence $\{c_n,\ n\geqslant 1\}$ must be bounded away from zero. © 2000 Elsevier Science B.V. All rights reserved

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In our paper (Hu et al., 1998), the following complete convergence theorem for arrays of rowwise-independent random variables was formulated.

Theorem. *Let* $\{X_{ni}, 1\leqslant i\leqslant k_n,\ n\geqslant 1\}$ *be an array of rowwise-independent random variables and* $\{c_n, n\geqslant 1\}$ *be a sequence of positive constants such that*

$$\sum_{n=1}^{\infty} c_n = \infty. \tag{1}$$

Suppose that for every $\varepsilon > 0$ *and some* $\delta > 0$:
(i) $\sum_{n=1}^{\infty} c_n \sum_{i=1}^{k_n} P(|X_{ni}| > \varepsilon) < \infty$,

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